

The Future of Research and Collaboration – The Dedicated Science Network

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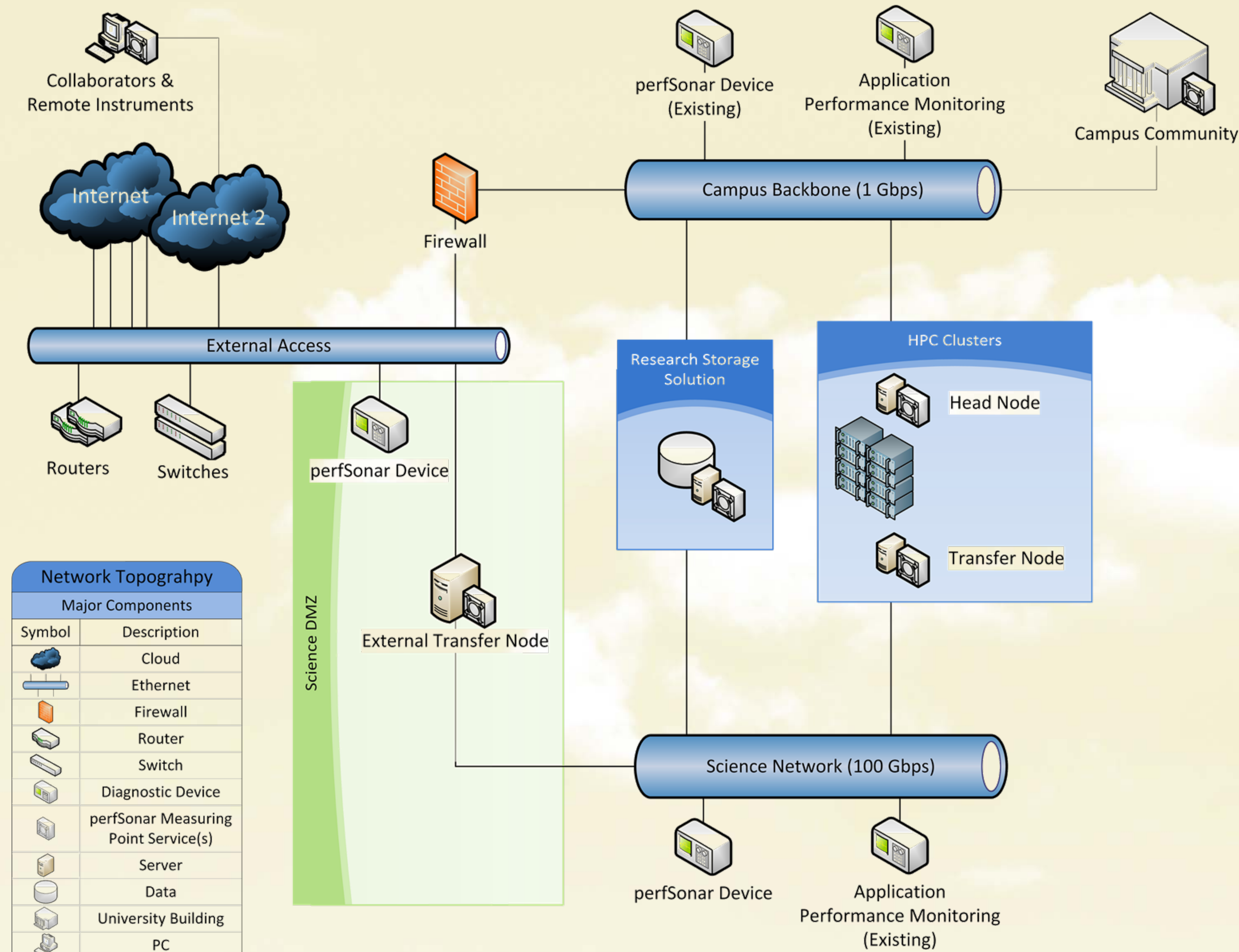
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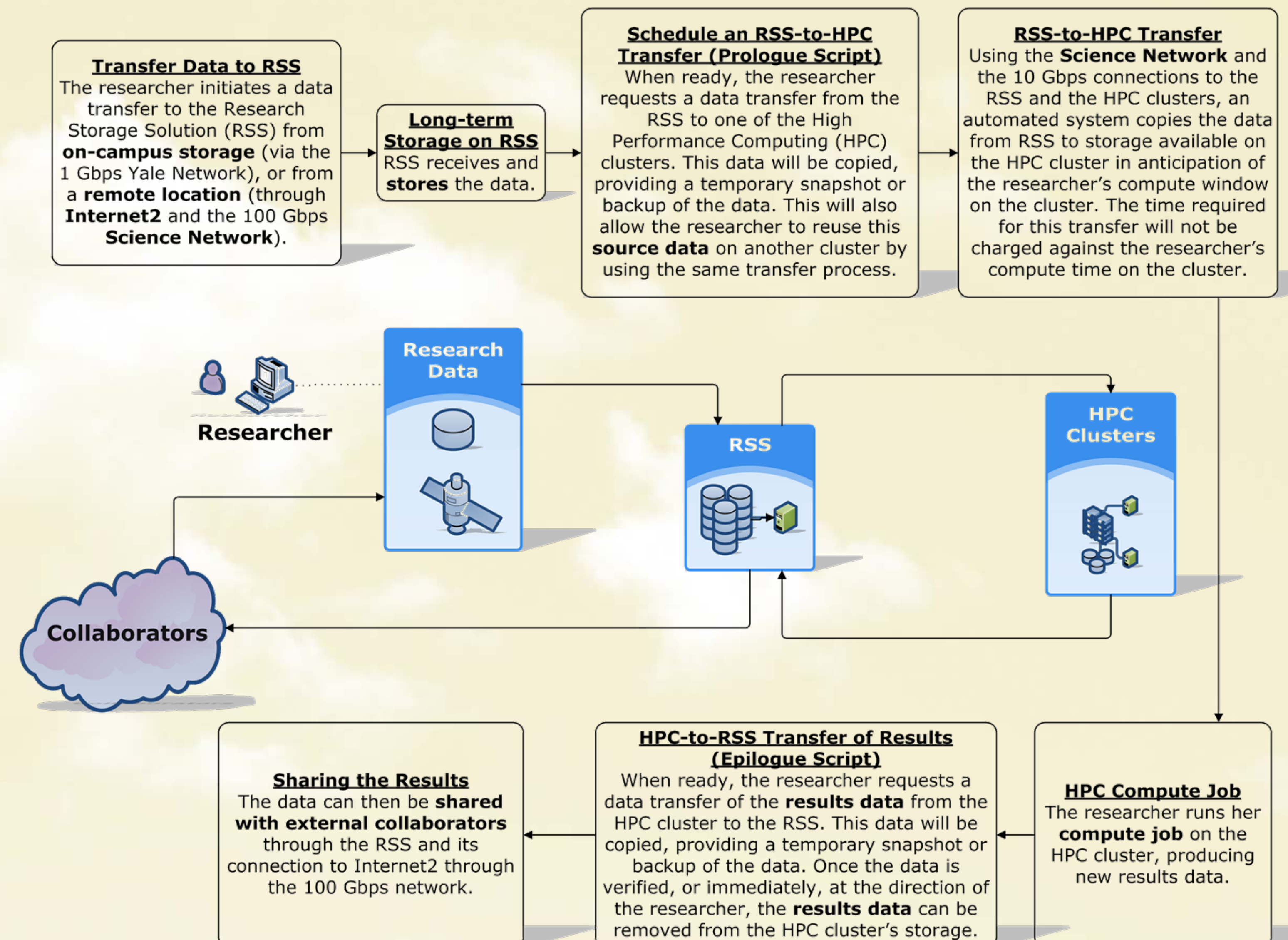
CC-NIE Network Infrastructure Award

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Andrew Sherman ▯ Daisuke Nagai ▯ William Boos ▯ David Galassi



Dedicated Science Network - Data Transfers



Campus Network

Yale CAS & IPv4

1 TB file = 4 hours 03 minutes to transfer at line speed

1 Gbps per channel

Science Network

CAS, InCommon & IPv6, [IPv4]

1 TB file = 38 minutes to transfer

10 Gbps per channel

Expansion to Science Hill buildings

Future Software Defined Networking

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Yale